

APPLICANT FACSIMILE OF FORM PTO-1449  
REV 7-80

U.S. DEPARTMENT OF  
COMMERCE  
PATENT AND TRADEMARK OFFICE

ATTY DOCKET NO

AHN-001DV2

SERIAL NO.

09/658,969

**LIST OF PUBLICATIONS CITED BY APPLICANT**  
(Use several sheets if necessary)

APPLICANT

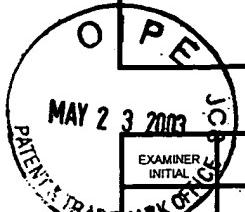
Winfried Edelmann et al.

FILING DATE

September 11, 2000

GROUP

1646

**U.S. PATENT DOCUMENTS**

EXAMINER INITIALS	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE

**FOREIGN PATENT DOCUMENTS**

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES      NO
	A1	WO 9901550	1/99	PCT			

**OTHERS (including Author, Title, Date, Pertinent Pages, Etc.)**

A2	Akiyama Y, et al. "Germ-line mutation of the hMSH6/GTBP gene in an atypical hereditary nonpolyposis colorectal cancer kindred". <i>Cancer Res.</i> 1997 Sep 15;57(18):3920-3;
A3	Bawa S, et al. "A mutation in the MSH5 gene results in alkylation tolerance. " <i>Cancer Res.</i> 1997 Jul 1;57(13):2715-20;
A4	Baker SM, et al. "Involvement of mouse Mlh1 in DNA mismatch repair and meiotic crossing over." <i>Nat Genet.</i> 1996 Jul;13(3):336-42;
A5	Baker SM, et al. "Male mice defective in the DNA mismatch repair gene PMS2 exhibit abnormal chromosome synapsis in meiosis." <i>Cell.</i> 1995 Jul 28;82(2):309-19;
A6	de Vries SS, et al. "Mouse MutS-like protein Msh5 is required for proper chromosome synapsis in male and female meiosis". <i>Genes Dev.</i> 1999 Mar 1;13(5):523-31;
A7	Edelmann W, et al. "Meiotic pachytene arrest in MLH1-deficient mice". <i>Cell.</i> 1996 Jun 28;85(7):1125-34;
A8	Hollingsworth NM, et al. "MSH5, a novel MutS homolog, facilitates meiotic reciprocal recombination between homologs in <i>Saccharomyces cerevisiae</i> but not mismatch repair." <i>Genes Dev.</i> 1995 Jul 15;9(14):1728-39;
A9	Kolodner R. "Biochemistry and genetics of eukaryotic mismatch repair". <i>Genes Dev.</i> 1996 Jun 15;10(12):1433-42;
A10	Leach FS, et al. "Mutations of a mutS homolog in hereditary nonpolyposis colorectal cancer". <i>Cell.</i> 1993 Dec 17;75(6):1215-25;
A11	Miyaki M, et al. "Germline mutation of MSH6 as the cause of hereditary nonpolyposis colorectal cancer." <i>Nat Genet.</i> 1997 Nov;17(3):271-2;
A12	Modrich P, et al. "Mismatch repair in replication fidelity, genetic recombination, and cancer biology". <i>Annu Rev Biochem.</i> 1996;65:101-33;

Examiner

Date Considered

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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MAY 23 2003

**OTHERS (including Author, Title, Date, Pertinent Pages, Etc.)**

<i>SEARCHED</i>	Moreadith RW, et al. "Gene targeting in embryonic stem cells: the new physiology and metabolism". <i>J Mol Med.</i> 1997 Mar;75(3):208-16;
B <sup>2</sup>	Mullins, L, J et al. "Transgenesis in the Rat and Larger Mammals" <i>J. Clin. Invest.</i> 1996;98: s37-s40;
B <sup>3</sup>	Papadopoulos N, et al. "Mutation of a mutL homolog in hereditary colon cancer." <i>Science.</i> 1994 Mar 18;263(5153):1625-9;
B <sup>4</sup>	Pochart P, et al. "Conserved properties between functionally distinct MutS homologs in yeast." <i>J Biol Chem.</i> 1997 Nov 28;272(48):30345-9;
B <sup>5</sup>	Reitmair AH, et al. "MSH2 deficient mice are viable and susceptible to lymphoid tumours." <i>Nat Genet.</i> 1995 Sep;11(1):64-70;
B <sup>6</sup>	Ross-Macdonald P, et al. "Mutation of a meiosis-specific MutS homolog decreases crossing over but not mismatch correction." <i>Cell.</i> 1994 Dec 16;79(6):1069-80;
B <sup>7</sup>	Seamark RF. "Progress and emerging problems in livestock transgenesis: a summary perspective". <i>Reprod Fertil Dev.</i> 1994;6(5):653-7;
B <sup>8</sup>	Winand NJ, et al. "Cloning and characterization of the human and Caenorhabditis elegans homologs of the <i>Saccharomyces cerevisiae</i> MSH5 gene". <i>Genomics.</i> 1998 Oct 1;53(1):69-80;
B <sup>9</sup>	de Wind N, et al. "Inactivation of the mouse Msh2 gene results in mismatch repair deficiency, methylation tolerance, hyperrecombination, and predisposition to cancer". <i>Cell.</i> 1995 Jul 28;82(2):321-30.
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